FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PRSROB.003A	APPLICATION NO. 09/847,598
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Koselka, et al.	
	FILING DATE May 02, 2001	GROUP 2837

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
PLM	1.	1,130,064	03/02/15	Buchanan	15	228	
PLM	2.	4,510,642	04/16/85	Ingermann, et al.	15	231	
PLM	3.	4,550,467	11/05/85	Johnson, et al.	15	228	
PLM	4.	4,647,784	03/03/87	Stephens	250	561	
PLM	5.	4,709,265	11/24/87	Silverman, et al.	358	108	
PLM	6.	4,852,210	08/01/89	Krajicek	15	228	
PLM	7.	5,071,489	12/10/91	Silvenis, et al.	134	42	
PLM	8.	5,086,262	02/04/92	Hariki, et al.	318	568.1	
PLM	9.	5,092,699	03/03/92	Silvenis	401	21	
PLM	10.	5,179,329	01/12/93	Nishikawa, et al.	318	587	
PLM	11.	5,220,263	06/15/93	Onishi, et al.	318	587	
PLM	12.	5,254,923	10/19/93	Kanitani	318	568.11	
PLM	13.	5,266,875	11/30/93	Slotine, et al.	318	568.11	
PLM	14.	5,333,242	07/26/94	Watanabe, et al.	395	89	
PLM	15.	5,382,885	01/17/95	Salcudean, et al.	318	568.11	
PLM	16.	5,488,277	01/30/96	Nishikawa, et al.	318	587	
PLM	17.	5,555,587	09/17/96	Guha	15	98	
PLM	18.	5,568,030	10/22/96	Nishikawa, et al.	318	587	
PLM	19.	5,735,959	04/07/98	Kubo, et al.	118	663	
PLM	20.	5,819,008	10/06/98	Asama, et al.	395	90	
PLM	21.	5,825,149	10/20/98	Matsumoto, et al.	318	587	
PLM	22.	5,825,813	10/20/98	Na	375	219	
PLM	23.	5,825,981	10/20/98	Matsuda	395	83	
PLM	24.	5,867,800	02/02/99	Leif	701	23	
PLM	25.	5,968,281	10/19/99	Wright, et al.	134	6	
PLM	26.	5,991,951	11/30/99	Kubo, et al.	15	50.1	
PLM	27.	6,101,671	08/15/00	Wright, et al.	15	365	

EXAMINER	DATE CONSIDERED
	10-1-02

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PLM	28.	6,252,544 B1	06/26/01	Hoffberg	342	357.1	

EXAMINER INITIAL		**OTHER DOCUMENTS** (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
PLM	29.	"Robot Spatial Perception by Stereoscopic Vision and 3D Evidence Grids" by Hans Moravec, Robotics Institute, Carnegie Mellon University, Pittsburgh, PA September 1996.
PLM	30.	Hashimoto, et al., "Coordinative Object-Transportation by Multiple Industrial Mobile Robots Using Coupler with Mechanical Compliance", Proceedings of the International Conference on Industrial Electronics, Control, and Instrumentation (IECON), IEEE, Page(s) 1577-1582, November 15, 1993.
PLM	31.	Kotay, et al., "Task-reconfigurable robots: Navigators and Manipulators, 1997, IEEE, pgs. 1081 – 1089 (1997).
PLM	32.	Beom, et al., "A Sensor-Based Navigation for a Mobile Robot Using Fuzzy Logic and Reinforcement Learning", IEEE Transactions on Systems, Man, and Cybernetics, Vol. 25, No. 3, March 1995, pgs. 464 - 477.
PLM	33.	Baloch, et al., "A Neural System for Behavioral Conditioning of Mobile Robots", 1990, IEEE, pgs. 723 - 728.
PLM	34.	Marco, et al., "Local Area Navigation Using Sonar Feature Extraction and Model Based Predictive Control", 1996, IEEE, pgs. 67 – 77 (1996).
PLM	35.	Yuta, et al., "Coordinating Autonomous and Centralized Decision Making to Achieve Cooperative Behaviors Between Multiple Mobile Robots", Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems, IEEE, Page(s) 1566-1574, July 7, 1992.
PLM	36.	Ozaki, et al., "Synchronized Motion by Multiple Mobile Robots Using Communication", Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems, IEEE, pgs. 1164 – 1170, July 26, 1993.
PLM	37.	Kurazume, et al., "Cooperative Positioning with Multiple Robots", Proceedings of the International Conference on Robotics and Automation, IEEE Comp. So. Press, Vol. Conf. 11, pgs. 1250 – 1257, May 8, 1994.
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PLM	40.	Prassler, et al., Maid: A Robotic Wheelchair Operating in Public Environments, Sensor Based Intelligent Robots, International Workshop, pgs. 68-95, September 1998.
PLM	41.	Fiorini, et al., "Cleaning and Household Robots: A Technology Survey", Autonomous Robots 9, pgs. 227 – 235, 2000.
PLM	42.	Prassler, et al., "A Short History of Cleaning Robots", Autonomous Robots 9, pgs. 211 – 226, 2000.
PLM	43.	Prassler, et al., "Tracking Multiple Moving Objects for Real-Time Robot Navigation", Autonomous Robots 8, pgs. 105 – 116, 2000.
PLM	44.	Rekleitis, et al., "Multi-Robot Exploration of an Unknown Environment, Efficiently Reducing the Odometry Error", 1997.
PLM	45.	Rekleitis, et al., "Reducing Odometry Error Through Cooperating Robots During the Exploration of an Unknown World", 1997.
PLM	46.	Dudek, et al., "Robust Positioning with a Multi-Agent Robotic System", 1993.
PLM	47.	Prassler, et al., "Robot Technology Improving Human Lifestyle", www.nt.nada.kth.se/numero/1999/99.15.html, April 23, 1999.
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EXAMINER Patricia Mellon	DATE CONSIDERED 10-1-02

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